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NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	SEP 09	CA/CAPLUS records now contain indexing from 1907 to the present
NEWS 4	DEC 08	INPADOC: Legal Status data reloaded
NEWS 5	SEP 29	DISSABS now available on STN
NEWS 6	OCT 10	PCTFULL: Two new display fields added
NEWS 7	OCT 21	BIOSIS file reloaded and enhanced
NEWS 8	OCT 28	BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 9	NOV 24	MSDS-CCOHS file reloaded
NEWS 10	DEC 08	CABA reloaded with left truncation
NEWS 11	DEC 08	IMS file names changed
NEWS 12	DEC 09	Experimental property data collected by CAS now available in REGISTRY
NEWS 13	DEC 09	STN Entry Date available for display in REGISTRY and CA/CAPLUS
NEWS 14	DEC 17	DGENE: Two new display fields added
NEWS 15	DEC 18	BIOTECHNO no longer updated
NEWS 16	DEC 19	CROPU no longer updated; subscriber discount no longer available
NEWS 17	DEC 22	Additional INPI reactions and pre-1907 documents added to CAS databases
NEWS 18	DEC 22	IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS 19	DEC 22	ABI-INFORM now available on STN
NEWS 20	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS 21	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAPLUS
NEWS 22	FEB 05	German (DE) application and patent publication number format changes
NEWS EXPRESS	DECEMBER 28	CURRENT WINDOWS VERSION IS V7.00, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
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FILE 'HOME' ENTERED AT 11:29:11 ON 09 FEB 2004

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'STNGUIDE' ENTERED AT 11:29:23 ON 09 FEB 2004

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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Feb 6, 2004 (20040206/UP).

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.06	0.27

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 11:29:37 ON 09 FEB 2004

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 FEB 2004 HIGHEST RN 647375-42-6

DICTIONARY FILE UPDATES: 6 FEB 2004 HIGHEST RN 647375-42-6

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s mefenpyr-ethyl

8 MEFENPYR

5812601 ETHYL

L1

0 MEFENPYR-ETHYL

(MEFENPYR(W) ETHYL)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

10070766

FULL ESTIMATED COST

9.28

9.55

FILE 'CAPLUS' ENTERED AT 11:30:27 ON 09 FEB 2004
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FILE COVERS 1907 - 9 Feb 2004 VOL 140 ISS 7
FILE LAST UPDATED: 8 Feb 2004 (20040208/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s mefenpyr
L2 56 MEFENPYR

=> s l2 and ethyl
407161 ETHYL
L3 30 L2 AND ETHYL

=> s l3 and safener
621 SAFENER
L4 15 L3 AND SAFENER

=> s l4 and herbicide
63133 HERBICIDE
L5 15 L4 AND HERBICIDE

=> d l5 ibib hitstr abs

L5 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2004:41187 CAPLUS
DOCUMENT NUMBER: 140:89300
TITLE: Synergistic herbicidal mixtures comprising benzoyl derivatives and pyrimidine derivatives
INVENTOR(S): O'neal, William B.; Kibler, Elmar; Witschel, Matthias; Vantieghem, Herve R.
PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 68 pp..
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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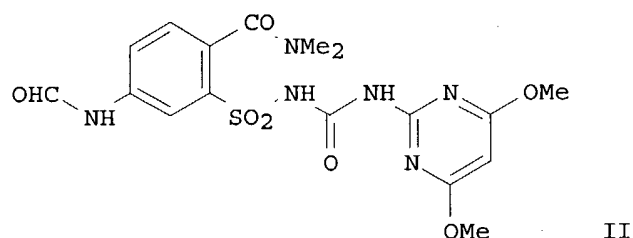
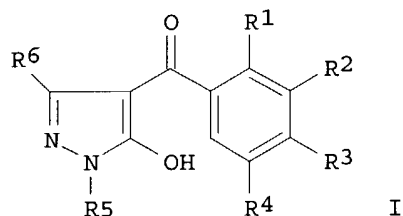
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WO 2004004463 A1 20040115 WO 2003-EP7321 20030708
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LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC,
NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:

US 2002-393740P P 20020708

GI



AB A synergistic herbicidal mixture comprises: (a) at least one 3-heterocyclyl-substituted benzoyl derivative I (Markush included); and (b) a synergistically effective amount of the compound II, or one of its environmentally compatible salts; and, if desired, (c) at least one further herbicidal compound; and, if desired, (d) at least a **safener**

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 15 2-15 ibib hitstr abs

L5 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:796393 CAPLUS

DOCUMENT NUMBER: 139:272374

TITLE: Synergistic selective herbicidal composition comprising phenylpropynyloxypyridine derivatives

INVENTOR(S): Schaetzer, Juergen; Wenger, Jean; Hall, Roger Graham; Nebel, Kurt; Hole, Stephen; Stoller, Andre

PATENT ASSIGNEE(S): Syngenta Participations Ag, Switz.

SOURCE: PCT Int. Appl., 54 pp.

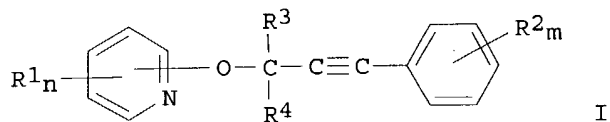
CODEN: PIXXD2

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DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003082012	A1	20031009	WO 2003-EP3471	20030402
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: CH 2002-559 A 20020403
OTHER SOURCE(S): MARPAT 139:272374
GI



AB The title comps. comprise a phenylpropynyloxypyridine derivative I [R1 = halo, CN, SCN, SF5, NO2, etc.; R2 = (un)substituted alkyl, alkenyl, alkynyl, etc.; R3, R4 = H, halo, CN, alkyl or alkoxy; R3R4 = alkylene; n = 0, 1-4; m 0, 1-5] or a I salt and a coherbicide. The comps. may also comprise a **safener**.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:282281 CAPLUS
DOCUMENT NUMBER: 138:282790
TITLE: Synergistic herbicidal compositions for rice containing pyriftalid mixtures
INVENTOR(S): Kotzian, Georg Ruediger
PATENT ASSIGNEE(S): Syngenta Participations Ag, Switz.
SOURCE: PCT Int. Appl., 36 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003028461	A1	20030410	WO 2002-EP10886	20020927
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,			

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PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

PRIORITY APPLN. INFO.: CH 2001-1788 A 20010928

AB Herbicidal composition, in addition to comprising customary inert formulation adjuvants, comprises (a) pyriftalid, and (b) a synergistically effective amount of one or more co-herbicides selected from the group consisting of paraquat, pyrazogyl, mesotrione, sulcotrione, clomazone, prosulfocarb, pretilachlor, cinosulfuron, molinate, and trifloxysulfuron, with the two active ingredient combinations consisting of pyriftalid + pretilachlor, and pyriftalid + cinosulfuron being excluded. The compns. according to the invention may addnl. comprise a **safener**.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:261582 CAPLUS

DOCUMENT NUMBER: 138:282784

TITLE: Selective herbicides based on substituted thien-3-yl-sulfonylamino(thio)carbonyl-triazolin(thi)ones and safeners

INVENTOR(S): Feucht, Dieter; Dahmen, Peter; Drewes, Mark Wilhelm; Pontzen, Rolf; Gesing, Ernst-Rudolf; Schwarz, Hans-Georg; Mueller, Klaus-Helmut

PATENT ASSIGNEE(S): Bayer CropScience AG, Germany

SOURCE: PCT Int. Appl., 81 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003026427	A1	20030403	WO 2002-EP10104	20020910
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

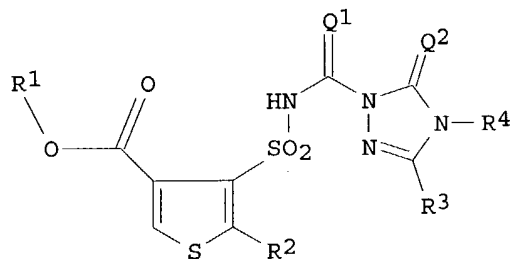
DE 10146590 A1 20030410 DE 2001-10146590 20010921

PRIORITY APPLN. INFO.: DE 2001-10146590 A 20010921

OTHER SOURCE(S): MARPAT 138:282784

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AB Selective herbicidal agents comprise (a) ≥ 1 triazolin(thi)one (I), in which Q1, Q2 = O, S; R1, R2, R3, and R4 are defined also, or their salts, and (b) ≥ 1 **safener** such as MON 4660 or dichlormid. The weed-control agents may be mixed with surfactants or diluents. Thus, I (Q1, Q2 = O; R1, R2, R4 = Me; R3 = OMe) at 10 g/ha caused 35% damage to corn in a greenhouse experiment, whereas damage was only 1.5% when the same I derivative plus MON 7400 (10 + 100 g/ha) was applied.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:261581 CAPLUS

DOCUMENT NUMBER: 138:267210

TITLE: Herbicides containing substituted thien-3-yl-

sulfonylamino(thio)carbonyl-triazolin(thi)one

INVENTOR(S): Feucht, Dieter; Dahmen, Peter; Drewes, Mark Wilhelm;

Pontzen, Rolf; Gesing, Ernst Rudolf F.

PATENT ASSIGNEE(S): Bayer CropScience AG, Germany

SOURCE: PCT Int. Appl., 135 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

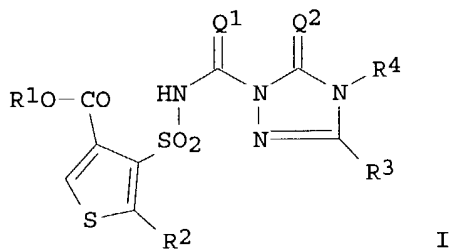
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003026426	A1	20030403	WO 2002-EP10103	20020910
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DE 10146591	A1	20030410	DE 2001-10146591	20010921

PRIORITY APPLN. INFO.: DE 2001-10146591 A 20010921

OTHER SOURCE(S): MARPAT 138:267210

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AB The invention relates to synergistic herbicidal agents, characterized by an active content of an active ingredient combination comprising (a) one or more compds. of formula (I), in which Q1, Q2, R1, R2, R3 and R4 are defined as per the description, in addition to salts of the compds. of formula I and (b) at least one of the known herbicides listed in the description, in addition to (c) optionally a **safener**. The invention also relates to the use of the agents for combating undesired plant growth and to a method for producing the inventive agents.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:202383 CAPLUS

DOCUMENT NUMBER: 138:233416

TITLE: Synergistic herbicidal mixtures comprising phenyl ketones

INVENTOR(S): Feucht, Dieter; Dahmen, Peter; Drewes, Mark Wilhelm; Pontzen, Rolf; Hoischen, Dorothee; Mueller, Klaus-Helmut; Schwarz, Hans-Georg; Herrmann, Stefan; Kather, Kristian; Schallner, Otto; Goto, Toshio; Shirakura, Shinichi

PATENT ASSIGNEE(S): Bayer CropScience AG, Germany

SOURCE: PCT Int. Appl., 225 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003020033	A1	20030313	WO 2002-EP9243	20020819
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
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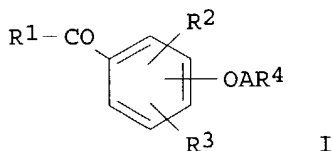
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PRIORITY APPLN. INFO.: DE 2001-10142333 A 20010830

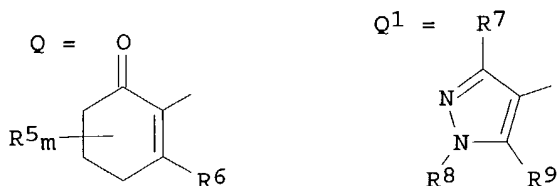
OTHER SOURCE(S): MARPAT 138:233416

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AB The title mixts. comprise an Ph ketone I [A = alkylene; R1 Q, Q1, etc.; R2, R3 = H, NO2, CN, CO2H; (un)substituted alkyl, alkoxy, alkylthio, etc.; R4 = (un)substituted heterocyclyl; R5 = halo, (un)substituted alkyl, alkoxy, alkoxy, etc.; R6 = OH, formyloxy, halo, (un)substituted alkoxy, alkylthio, alkylsulfinyl, alkylsulfonyl, etc.; R7 = H, CN, (un)substituted alkoxy, alkylthio, alkylsulfinyl, alkylsulfonyl, etc.; R8 = H, (un)substituted alkyl, alkenyl, alkynyl, etc.; R9= OH, formyloxy, (un)substituted alkoxy, alkylcarbonyloxy, etc.; m = 0, 1-6] and any of a very large number of conventional herbicides, and, optionally, a known **safener**.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:132931 CAPLUS

DOCUMENT NUMBER: 138:165206

TITLE: Selective herbicides based on substituted cyclic ketoenols and safeners

INVENTOR(S): Fischer, Reiner; Drewes, Mark Wilhelm; Feucht, Dieter; Dahmen, Peter; Pontzen, Rolf

PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 137 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

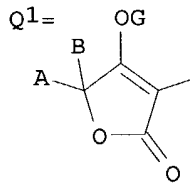
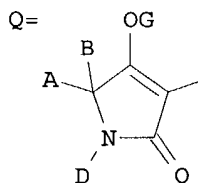
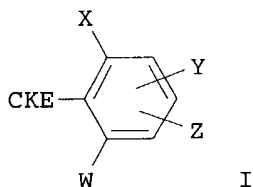
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003013249	A1	20030220	WO 2002-EP8413	20020729
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,				

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TJ, TM
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PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

DE 10139465 A1 20030220 DE 2001-10139465 20010810
PRIORITY APPLN. INFO.: DE 2001-10139465 A 20010810
OTHER SOURCE(S): MARPAT 138:165206
GI



AB The invention relates to selective herbicidal compns. containing a cyclic ketoenol I [X = halo, alkyl, alkenyl, alkoxy, etc.; Z = H, (un)substituted alkenyl, alkynyl, aryl or heteroaryl; W, Y = H, halo, (halo)alkyl, (halo)alkoxy, (halo)alkenyloxy, NO₂ or CN; CKE = Q, Q₁, etc.; A = H, (halo)alkyl, (halo)alkenyl, etc.; B = H, alkyl or alkoxyalkyl; D = H, (un)substituted alkyl, alkenyl, alkynyl, etc.; ACB, ACD = (un)substituted cycle; G = H, COR₁, etc.; R₁ = H, (un)substituted alkyl, alkenyl alkoxyalkyl, etc.] and a **herbicide** antidote, especially cloquintocet-mexyl and **mefenpyr**-diethyl.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:97245 CAPLUS

DOCUMENT NUMBER: 138:149044

TITLE: Synergistic herbicidal compositions

INVENTOR(S): Schaetzer, Juergen; Wenger, Jean; Hall, Roger Graham; Nebel, Kurt; Hole, Stephen

PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.

SOURCE: PCT Int. Appl., 47 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

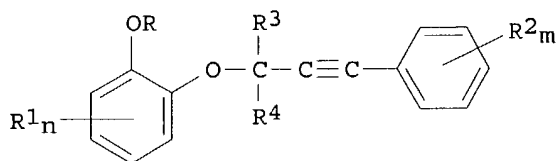
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003009686	A1	20030206	WO 2002-EP8203	20020723
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				

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CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

PRIORITY APPLN. INFO.: CH 2001-1377 A 20010724
OTHER SOURCE(S): MARPAT 138:149044
GI



AB The title composition comprises I (R H, COR5, etc.; R1 = halo, CN, SCN,, SF5, NO2, etc.; R2 = halo, CN, SCN, SF5, NO2, etc.; R3, R4 = H, halo, CN, alkyl or alkoxy; R3R4 = alkylene; R5 = H, alkyl, haloalkyl or cycloalkyl; n = 0, 1-4; m = 0, 1-5; n+m ≥1) or an I salt, and a synergistically effective amount of one or more known coherbicides. The compns. may addnl. comprise a **safener**.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:849342 CAPLUS

DOCUMENT NUMBER: 137:321567

TITLE: Synergistic herbicidal compositions and safened herbicidal compositions

INVENTOR(S): Ruegg, Willy T.

PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.

SOURCE: PCT Int. Appl., 61 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

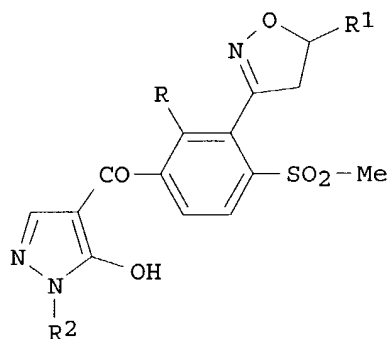
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002087322	A2	20021107	WO 2002-EP4645	20020426
WO 2002087322	A3	20021219		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,

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CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
EP 1381277 A2 20040121 EP 2002-727581 20020426
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
PRIORITY APPLN. INFO.: CH 2001-770 A 20010427
WO 2002-EP4645 W 20020426
OTHER SOURCE(S): MARPAT 137:321567
GI



AB A herbicidal composition comprises either: (a) I, wherein R is C1-C2 alkyl or chlorine, R1 is hydrogen or C1-C4 alkyl and R2 is C1-C4 alkyl, or a I salt, and (b) a synergistically effective known **herbicide** and also a **safener**, or: (a) I and (b) a **safener**.

L5 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:609552 CAPLUS

DOCUMENT NUMBER: 137:136361

TITLE: Selective herbicidal compositions comprising arylketones and safeners

INVENTOR(S): Feucht, Dieter; Dahmen, Peter; Drewes, Mark-Wilhelm; Pontzen, Rolf; Mueller, Klaus-Helmut; Lehr, Stefan; Schwarz, Hans-Georg; Goto, Toshio; Shirakura, Shinichi

PATENT ASSIGNEE(S): Bayer Ag, Germany; Nihon Bayer Agrochem K.K.

SOURCE: Ger. Offen., 52 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

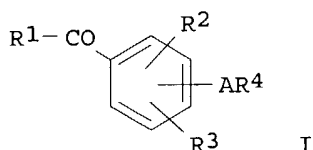
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10106420	A1	20020814	DE 2001-10106420	20010212
WO 2002063957	A2	20020822	WO 2002-EP911	20020130
WO 2002063957	A3	20021219		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,

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UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
EP 1367888 A2 20031210 EP 2002-702325 20020130
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
PRIORITY APPLN. INFO.: DE 2001-10106420 A 20010212
WO 2002-EP911 W 20020130
OTHER SOURCE(S): MARPAT 137:136361
GI



AB The title compns. contain substituted arylketones I (A = alkanediyl; R1 = substituted cyclohexene, imidazolyl, oxazolyl etc.; R2, R3 = H, nitro, cyano, carboxy, carbamoyl, etc.; R4 = mono-, di- or heterocycyl, etc.), any of a large number of known safeners (MON-4660, dicyclonon, benoxacor, cloquintocet-mexyl, cumyluron, cyometrinil, furilazole, etc.) and optionally other active ingredients.

L5 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:171606 CAPLUS
DOCUMENT NUMBER: 136:212332
TITLE: Solid **herbicide** formulation
INVENTOR(S): Jaeger, Karl-friedrich; Zagar, Cyrill
PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 24 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002017718	A1	20020307	WO 2001-EP10001	20010830
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001084044	A5	20020313	AU 2001-84044	20010830
EP 1317181	A1	20030611	EP 2001-962984	20010830

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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

BR 2001013494 A 20030715 BR 2001-13494 20010830
NO 2003000875 A 20030225 NO 2003-875 20030225
US 2004023803 A1 20040205 US 2003-362511 20030225

PRIORITY APPLN. INFO.: DE 2000-10043122 A 20000831
WO 2001-EP10001 W 20010830

OTHER SOURCE(S): MARPAT 136:212332

AB The invention relates to a method for producing a solid **herbicide** formulation containing a **herbicide** from the group of sulfonylurea, or the salts thereof, optionally at least one other **herbicide**, optionally a **safener**, and at least one formulation adjuvant. A suspension is formed in water, consisting of the sulfonylurea, optionally at least one other **herbicide**, optionally a **safener** and at least one formulation adjuvant. The suspension is adjusted to a pH value between 6.5 and 8 by adding an acid or a base, and is then dried to obtain the solid formulation.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:31184 CAPLUS

DOCUMENT NUMBER: 136:81317

TITLE: Arylsulfonylaminocarbonyltriazole-based mixtures as selective herbicides

INVENTOR(S): Feucht, Dieter; Dahmen, Peter; Drewes, Mark Wilhelm; Pontzen, Rolf; Kremer, Mathias; Mueller, Klaus-Helmut

PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 86 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002001957	A1	20020110	WO 2001-EP6840	20010618
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
DE 10031825	A1	20020110	DE 2000-10031825	20000630
EP 1303189	A1	20030423	EP 2001-940579	20010618
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
BR 2001012376	A	20030527	BR 2001-12376	20010618
JP 2004501936	T2	20040122	JP 2002-506593	20010618
US 2003211942	A1	20031113	US 2002-312151	20021219
PRIORITY APPLN. INFO.:			DE 2000-10031825 A	20000630
			WO 2001-EP6840 W	20010618

OTHER SOURCE(S): MARPAT 136:81317

AB Synergistic herbicidal combinations comprise arylsulfonylaminocarbonyltriazoles and any of a large number of known herbicidally effective compds.

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and/or safeners. The mixts. can be used with particular success for selective weed control in various crops. Thus, procarbazone sodium 30 and flufenacet 125 g/ha synergistically controlled Avena fatua and Amaranthus retroflexus.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:564782 CAPLUS

DOCUMENT NUMBER: 135:133439

TITLE: Synergistic selective herbicidal compositions for maize and sugar cane comprising pyridine derivatives

INVENTOR(S): Rueegg, Willy T.

PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.

SOURCE: PCT Int. Appl., 267 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

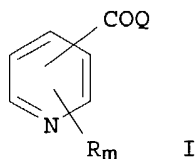
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001054501	A2	20010802	WO 2001-EP720	20010123
WO 2001054501	A3	20020103		
W:		AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
RW:		GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
BR 2001007811	A	20021022	BR 2001-7811	20010123
EP 1250047	A2	20021023	EP 2001-909680	20010123
R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR		
JP 2003520861	T2	20030708	JP 2001-555490	20010123
ZA 2002005748	A	20030409	ZA 2002-5748	20020718
PRIORITY APPLN. INFO.:			CH 2000-139	A 20000125
			CH 2000-1150	A 20000609
			WO 2001-EP720	W 20010123

OTHER SOURCE(S): MARPAT 135:133439

GI



AB A selective herbicidal synergistic composition comprises, in addition to customary inert formulation adjuvants, a pyridine derivative I (Markush included) in a

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mixture with synergistically effective amount of one or more known herbicides selected from metribuzine, aclonifen, glyphosate, bentazon, pendimethalin, etc. The compns. according to the invention may also comprise a **safener**.

L5 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:150596 CAPLUS
DOCUMENT NUMBER: 134:174257
TITLE: Safened selective herbicidal compositions
INVENTOR(S): Feucht, Dieter; Dahmen, Peter
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Ger. Offen., 30 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19940859	A1	20010301	DE 1999-19940859	19990827
PRIORITY APPLN. INFO.:			DE 1999-19940859	19990827

OTHER SOURCE(S): MARPAT 134:174257

AB The invention concerns selective herbicidal compns. containing 2-(2-trifluormethoxyphenylsulfonylaminocarbonyl)-4-methyl-5-methoxy-2,4-dihydro-3H-1,2,4-triazol-3-one and/or its salt(s), in particular the sodium salt, and a **safener**, such as oxabetrinil, cyometrinil, fluxofenim, fencloirim, benoxacor, cloquintocet, DKA-24, 1,8-naphthaleneacetic anhydride, fenchlorazole Et, flurazole, furilazole, AD-67, MG-191, PPG-1292 and dichlormid.

L5 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:100913 CAPLUS
DOCUMENT NUMBER: 134:127283
TITLE: Safened herbicidal compositions.
INVENTOR(S): Bieringer, Hermann; Willms, Lothar; Ziemer, Frank; Hacker, Erwin
PATENT ASSIGNEE(S): Aventis CropScience GmbH, Germany
SOURCE: PCT Int. Appl., 61 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001008487	A1	20010208	WO 2000-EP7050	20000722
W: AE, AG, AL, AM, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19936438	A1	20010208	DE 1999-19936438	19990803
EP 1206185	A1	20020522	EP 2000-956257	20000722
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

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IE, SI, LT, LV, FI, RO, MK, CY, AL

PRIORITY APPLN. INFO.:

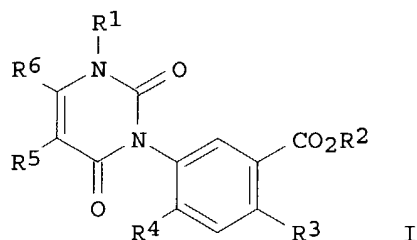
DE 1999-19936438 A 19990803

WO 2000-EP7050 W 20000722

OTHER SOURCE(S):

MARPAT 134:127283

GI



AB The title compns. comprise a pyrimidine herbicide I [R¹ = H, C1-C4 alkyl, C3-C4 alkenyl, C3-C4 alkynyl, C1-C4 haloalkyl; R² = H, C1-C10 alkyl, C1-C10 haloalkyl, C6-C10 aryl, C6-C10 haloaryl, C1-C6 alkylsulfonyl-C1-C4 alkyl, di(C1-C6 alkyl)phosphono-C1-C4 alkyl, tri(C1-C6 alkyl)silyl-C1-C4 alkyl, C2-C7 alkanoyl-C1-C4 alkyl, carboxy-C1-C4 alkyl, (C1-C6 alkoxy)carbonyl-C1-C4 alkyl, {[C3-C9 (<α-alkylalkylidene)]iminooxy (C1-C6 alkoxy)carbonyl}-C1-C4 alkyl, (C3-C6 alkenyloxy)carbonyl-C1-C4 alkyl, (C3-C6 alkynyloxy)carbonyl-C1-C4 alkyl, (C3-C8 cycloalkyloxy)carbonyl-C1-C4 alkyl, phenoxy-C1-C4 alkyl, C3-C6 alkenyloxy-C1-C4 alkyl, C3-C8 cycloalkenyloxy-C1-C4 alkyl, C5-C8 cycloalkenyl, C6-C8 bicycloalkyl, C6-C8 bicycloalkenyl, C2-C7 cyanoalkyl or C3-C6 alkynyloxy-C1-C4 alkyl; R³ = H, halo or cyano; R⁴ = H or halo; R⁵ = H, halo or C1-C4 alkyl; R⁶ = C1-C4 alkyl or C1-C4 haloalkyl; R⁵R⁶ form trimethylene or tetramethylene] and the corresponding enol ethers and salts of I, and an antidotally effective **safener**.

REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT